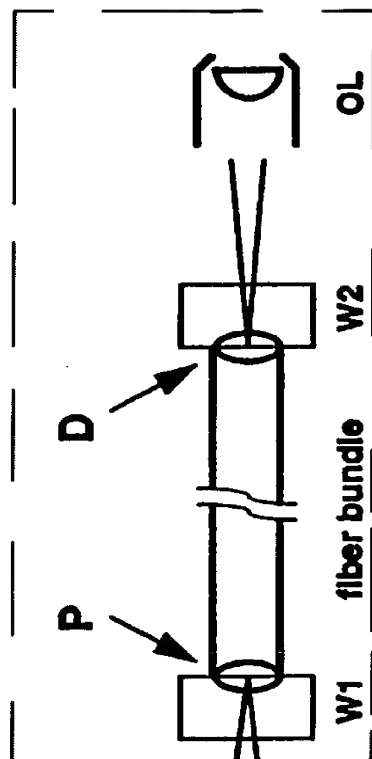
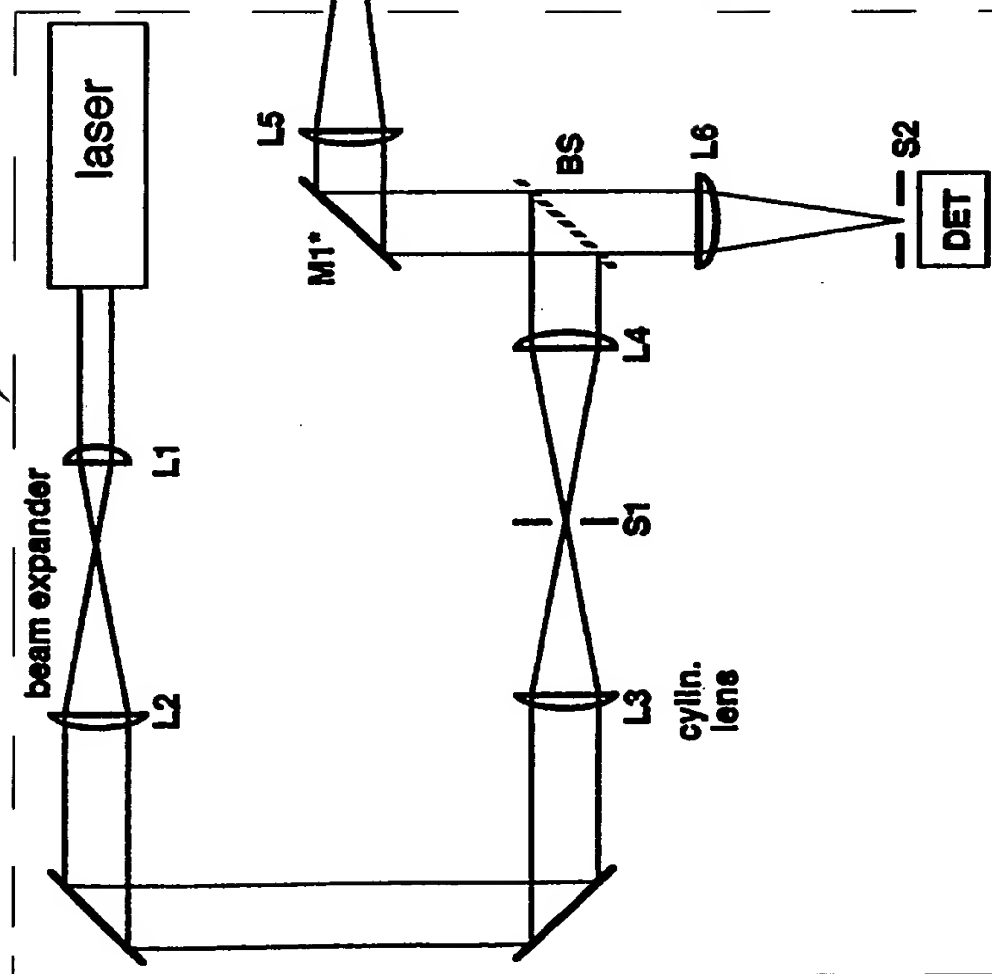


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ILLUMINATING AND IMAGING SECTION



PROBE SECTION

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Excitation beam path

L1: 50 mm f.l.

L2: 150 mm f.l.

L3: cylindrical lens 75 mm f.l.

S1: slit aperture, 25 μ m wide x 3 mm long

L4: 75 mm f.l.

BS: beam splitter (dichroic if used in fluorescence)

M1*: front side of bilateral scanning mirror

L5: 150 mm f.l.

W1 & W2: glass windows index matched to fiber bundle (not needed for fluorescence)

OL: objective lens

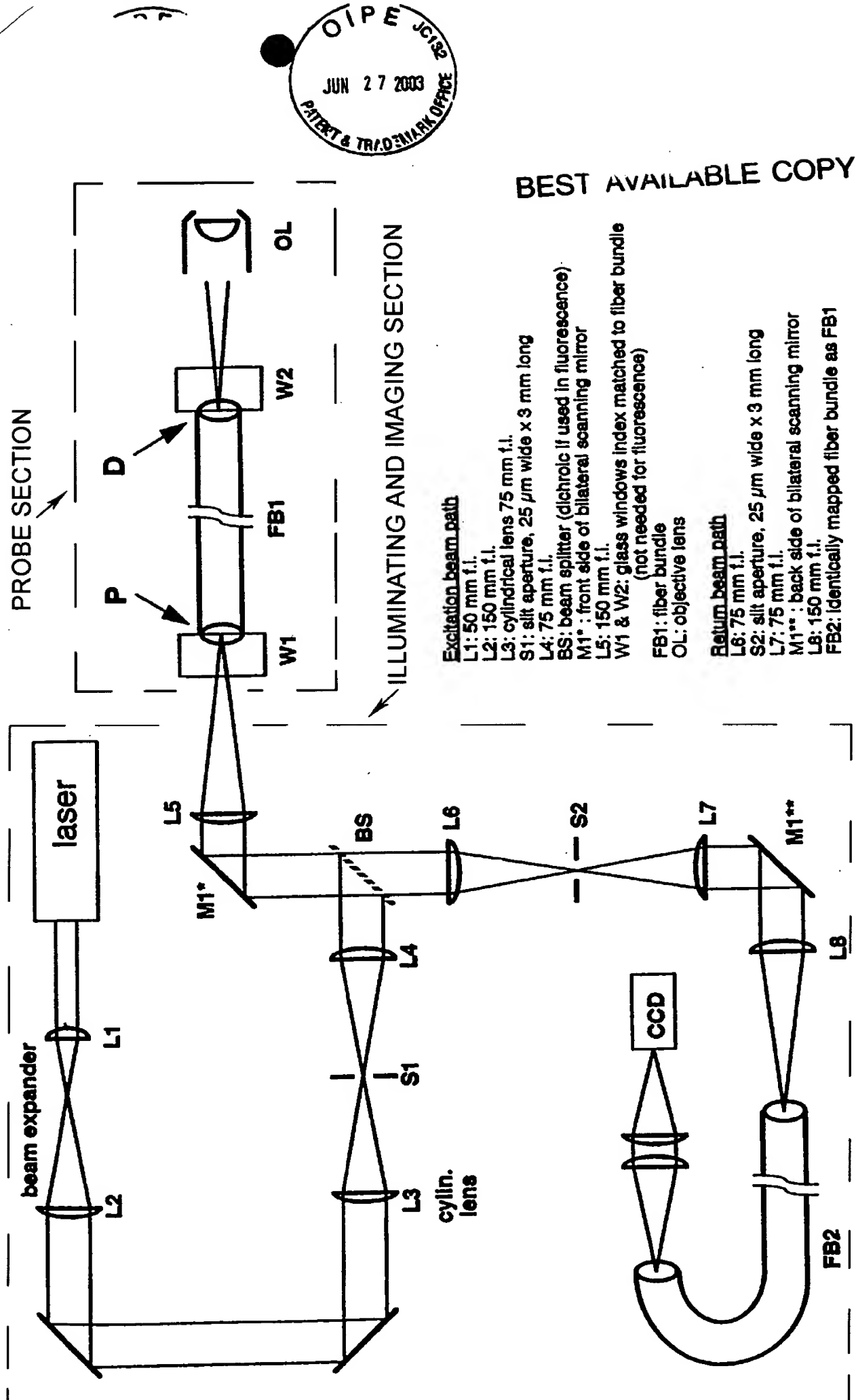
Return beam path

L6: 75 mm f.l.

S2: slit aperture, 25 μ m wide x 3 mm long

DET: linear detector array or line scan camera

FIG. 2B



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FIG. 2C